



1997 TOXICS RELEASE INVENTORY

TENNESSEE

State/TRI Data

Population	5,371,693
Square Miles	41,220
Total Facilities	644
Total Forms	2,097
Form As	288

National Rank for Total On- and Off-site Releases (includes transfers out-of-state for disposal)	
Rank	7
Pounds	106,881,877
National Rank for Total On-site Releases (includes quantities released at the facility; excludes quantities transferred to other sites for disposal)	
Rank	4
Pounds	97,955,094
National Rank for Total Releases within State (excludes transfers out-of-state for disposal)	
Rank	7
Pounds	103,657,889
National Rank for Production-related Waste Managed	
Rank	16
Pounds	578,453,345



The largest triangle appearing in the state map represents the largest facility for on-site releases in the state of Tennessee. All triangles are proportionally-sized to represent the amounts of releases at each facility within this state.

Reported Releases and Waste Management Activities

	Pounds
On-site Releases	97,955,094
Air Emissions	81,947,095
Surface Water Discharges	1,568,988
Underground Injection Class I Wells	9,273,267
Underground Injection Class II-V Wells	0
On-site Land Releases to RCRA Subtitle C Landfills	44,057
Other On-site Land Releases	5,121,687
Off-site Releases (Transfers Off-site to Disposal)	8,926,783
Total On- and Off-site Releases	106,881,877
Recycled On-site	202,492,375
Recycled Off-site	77,421,606
Energy Recovery On-site	48,945,665
Energy Recovery Off-site	6,293,238
Treated On-site	107,647,244
Treated Off-site	11,420,987
Quantity Released On- and Off-site	106,232,230
(excludes non-production-related releases; e.g. releases due to catastrophic events or remedial actions)	
Total Production-related Waste Managed	578,453,345
Total Non-production-related Waste Managed	1,034,219

Top Five Chemicals for Total Releases In State

CAS Number	Chemical	On-site Releases						Off-site Releases (Transfers Off-site to Disposal)			Total Releases in the State*
		<u>Underground Injection</u>			<u>On-site Releases to Land</u>			Transferred Into State	Transferred Within State	Transferred Out of State	
		Air Emissions	Surface Water Discharges	Class I Wells	Class II-V Wells	RCRA Subtitle C Landfills	Other On-site Land Releases				
		Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds
75-15-0	Carbon disulfide	21,295,406	906	0	0	0	0	0	0	0	21,296,312
	Manganese compounds	65,593	12,687	7,000,000	0	25	3,610,550	9,473	498,282	186,507	11,196,610
108-88-3	Toluene	8,955,221	2,365	0	0	0	0	20,402	26,598	5	9,004,586
67-56-1	Methanol	7,613,042	70,460	751,344	0	0	3,987	120	24,594	7,100	8,463,547
7664-41-7	Ammonia	6,105,127	444,495	656,969	0	0	53,714	437	50	4,893	7,260,792

*The chemical ranking is based on the amounts in this column; these quantities exclude transfers out of state.



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TENNESSEE

Top Five Facilities for Total On-site Releases

Facility / City, County	On-site Releases						Total On-site Releases*	Off-site Releases (Transfers Off-site to Disposal)	
	Underground Injection			On-site Releases to Land				Transferred Within State	Transferred Out of State
	Air Emissions	Surface Water Discharges	Class I Wells	Class II-V Wells	RCRA Subtitle C Landfills	Other On-site Land Releases			
	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds
Lenzing Fibers Corp., Lowland, Hamblen	16,800,760	19,350	0	0	0	314,800	17,134,910	0	0
Du Pont, New Johnsonville, Humphreys	2,704,850	72,735	7,858,000	0	0	125	10,635,710	0	0
Tennessee Eastman Div., Kingsport, Sullivan	5,471,170	155,323	0	0	28,184	771,615	6,426,292	0	180
PCS Nitrogen Fertilizer L.P., Millington, Shelby	4,879,993	2,922	0	0	0	0	4,882,915	20	4,893
Chemetals Inc., New Johnsonville, Humphreys	76,006	1,285	0	0	0	3,360,000	3,437,291	0	0

*The facility ranking is based on the amounts in this column.

Top Five Facilities for Total Quantity Released On-site and Off-site

Facility / City, County	Recycled On-site	Recycled Off-site	Energy Recovery On-site	Energy Recovery Off-site	Treated On-site	Treated Off-site	Quantity Released On- and Off-site*	Total Production-related Waste Managed	Total Non-Production-related Waste Managed
	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds
Lenzing Fibers Corp., Lowland, Hamblen	7,070,000	0	0	0	200,000	0	17,134,010	24,404,010	0
Du Pont, New Johnsonville, Humphreys	0	0	0	0	4,170,000	0	10,635,710	14,805,710	11
Tennessee Eastman Div., Kingsport, Sullivan	380	5,406,000	13,817,990	1,490,000	35,241,939	1,873,855	6,408,904	64,239,068	0
PCS Nitrogen Fertilizer L.P., Millington, Shelby	0	62,800	0	0	15,210	152,270	4,880,043	5,110,323	630
Chemetals Inc., New Johnsonville, Humphreys	0	0	0	0	0	0	3,443,706	3,443,706	0

* The facility ranking is based on the amounts in this column; these quantities exclude non-production-related releases.

For More Information...

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